





Patent  
Attorney's Docket No. 028726-022

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Arun Majumdar et al. ) Group Art Unit: 1641  
Application No.: 10/715,017 ) Examiner: Unassigned  
Filed: November 17, 2003 ) Confirmation No.: 3299  
For: SYSTEM AND METHOD FOR )  
MULTIPLEXED BIOMOLECULAR )  
ANALYSIS )

**FIRST  
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56,  
Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97  
and 1.98.

**U.S. Patent Documents**

Re 33,581	Nicoli et al.	04/30/91
4,882,627	Keesen et al.	11/21/89
5,294,804	Kajimura	03/15/94
5,372,930	Colton, et al.	12/13/94
5,427,915	Ribi et al.	06/27/95
5,448,399	Park et al.	09/05/95
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5,658,732	Ebersole et al.	08/19/97
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ZHAO, YANG, et al., "Optomechanical Uncooled Infrared Imaging System: Design, Microfabrication, and Performance," Journal of Microelectromechanical Systems, Vol. 11, No. 2, April 2002, pp. 136-146

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since the documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,  
BURNS, DOANE, SWECKER & MATHIS, LLP

Date: Oct 9/04

By: David R. Heckadon

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# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	10/715,017
<b>Filing Date</b>	November 17, 2003
<b>First Named Inventor</b>	Arun Majumdar et al.
<b>Examiner Name</b>	LEON YUN BON LUM
<b>Attorney Docket Number</b>	028726-022

Sheet 1 of 3

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	Re 33,581	435/7.2	Nicoli et al.	04/30/91
	4,882,627	358/166	Keesen et al.	11/21/89
	5,294,804	250/561	Kajimura	03/15/94
	5,372,930	435.6	Colton, et al.	12/13/94
	5,427,915	435/7.92	Ribi et al.	06/27/95
	5,448,399	359/372	Park et al.	09/05/95
	5,491,097	436/518	Ribi et al.	02/13/96
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	6,096,559	436/147	Thundat et al.	08/01/00
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 95/02180		WIPO	01/19/95							
	WO 98/50773		WIPO	11/12/98							

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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<b>First Named Inventor</b>	Arun Majumdar et al.
<b>Examiner Name</b>	LEON YUN BON LUM
<b>Attorney Docket Number</b>	028726-022

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	ALBRECHT, T.R., et al., "Microfabrication of cantilever styli for the atomic force microscope," <u>J. Vac. Sci. Technol.</u> , A 8(4), Jul/Aug 1990, pp. 3386-3396
	BALLER, M.K., et al., "A cantilever array-based artificial nose," <u>Ultramicroscopy</u> 82 (2000) pp. 1-9, IBM Research, Switzerland
	BARNES, J.R., et al., "Photothermal spectroscopy with femtojoule sensitivity using a micromechanical device," <u>Nature</u> , Vol. 372, November 1994, pp. 79-81
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Examiner Signature

Date Considered

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Substitute for form 1449A/PTO & 1449B/PTO		<b>Complete if Known</b>	
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